QSG Scoring Rubric Chapter 5: Biogeochemical Cycles

QSG Owner’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- |
| **QSG Requirement** | **Max. Point Value** | **Actual Points Earned** | **Comments** |
| Macro vs Micronutrients  (How different and examples) | 2 |  |  |
| Big 6 macronutrients | 1 |  |  |
| Why limiting factors | 1 |  |  |
| Elements with gaseous phase vs. those with no gaseous phase: | 1 |  |  |
| Speed of Cycling (fast vs. slow) | 1 |  |  |
| ART formula | 1 |  |  |
| **Nitrogen Cycle:** |  |  |  |
| Nitrogen Fixation | 1 |  |  |
| Nitrification | 1 |  |  |
| Assimilation | 1 |  |  |
| Ammonification | 1 |  |  |
| Denitrification | 1 |  |  |
|  |  |  |  |
| **Carbon Cycle** |  |  |  |
| Photosynthesis | 1 |  |  |
| Cell. Respiration | 1 |  |  |
|  |  |  |  |
| **Eutrophication** |  |  |  |
| Process explained | 2 |  |  |
| Examples (at least 2) | 1 |  |  |
| Appearance/Neatness/Color | 5 |  |  |
| Total: | 22 |  |  |

Graders Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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